1. PRODUCT IDENTIFICATION

Product Name: MONUMENT 75WG
EPA Signal Word: Caution

Active Ingredient(%): Trifloxysulfuron-Sodium (75.0%)
Chemical Name: N-[(4,6-Dimethoxy-2-pyrimidinyl)amino]carbonyl-3-(2,2,2-trifluoro-ethoxy)-pyridin-2-sulfonamide sodium salt
Chemical Class: Sulfonyurea Herbicide

EPA Registration Number(s): 100-1134

Section(s) Revised: 2, 11

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other</th>
<th>NTP/IARC/OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diatomaceous Earth</td>
<td>80 mg/m³/%SiO₂ (20 mppcf) TWA</td>
<td>Not Established</td>
<td>6 mg/m³ TWA**</td>
<td>IARC 3</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz</td>
<td>10 mg/m³/(%SiO₂+2) (respirable dust)</td>
<td>0.025 mg/m³ (respirable silica)</td>
<td>0.05 mg/m³ (respirable dust)**</td>
<td>IARC 1; ACGIH A2</td>
</tr>
<tr>
<td>Surfactant</td>
<td>Not Established</td>
<td>Not Established</td>
<td>15 mg/m³ TWA (total dust)*</td>
<td>No</td>
</tr>
<tr>
<td>Sodium Sulfite</td>
<td>Not Established</td>
<td>Not Established</td>
<td>Not Established</td>
<td>IARC Group 3</td>
</tr>
<tr>
<td>Trifloxysulfuron-Sodium</td>
<td>Not Established</td>
<td>Not Established</td>
<td>10 mg/m³ TWA***</td>
<td>No</td>
</tr>
</tbody>
</table>

* recommended by manufacturer
** recommended by NIOSH
*** Syngenta Occupational Exposure Limit (OEL)

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications. Syngenta Hazard Category: B

3. HAZARDS IDENTIFICATION

Symptoms of Acute Exposure
Present slight hazard during normal handling.

Hazardous Decomposition Products
Can decompose at high temperatures forming toxic gases.

Physical Properties
Appearance: Light beige to brown granules
Odor: Not determined

Unusual Fire, Explosion and Reactivity Hazards
During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

4. FIRST AID MEASURES
5. FIRE FIGHTING MEASURES

Fire and Explosion

Flash Point (Test Method): Not Applicable
Flammable Limits (% in Air): Lower: % Not Applicable Upper: % Not Applicable
Autoignition Temperature: Not Available
Flammability: Not Applicable

Unusual Fire, Explosion and Reactivity Hazards
During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.

In Case of Fire
Use dry chemical, foam or CO2 extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated buildings, area, and equipment until decontaminated. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

6. ACCIDENTAL RELEASE MEASURES

In Case of Spill or Leak
Control the spill at its source. Contain the spill to prevent from spreading or contaminating soil or from entering sewage and drainage systems or any body of water. Clean up spills immediately, observing precautions in Protective Equipment Section. Sweep up material and place in a compatible disposal container. Scrub area with hard water detergent (e.g. commercial products such as Tide, Joy, Spic and Span). Pick up wash liquid with additional absorbent and place into compatible disposal container. Once all material is cleaned up and placed in a disposal container, seal container and arrange for disposition.

7. HANDLING AND STORAGE

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.
Ingestion: Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, use chemical splash goggles.

Skin Contact: Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear. For overhead exposure, wear chemical-resistant headgear.

Inhalation: A respirator is not normally required when handling this substance. Use effective engineering controls to comply with occupational exposure limits.

In case of emergency spills, use a NIOSH approved respirator with any N, R, or P or HE filter.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Light beige to brown granules</td>
</tr>
<tr>
<td>Odor</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity/Density</td>
<td>0.60 - 0.80 g/cm³</td>
</tr>
<tr>
<td>pH</td>
<td>8 - 12 (1% w/w dilution in deionized water)</td>
</tr>
</tbody>
</table>

- **Solubility in H2O**
  - Trifloxysulfuron-Sodium: 102.5 mg/l @ 77°F (25°C) (pH 5.4)

- **Vapor Pressure**
  - Trifloxysulfuron-Sodium: 7.5 x 10(-8) mmHg @ 77°F (25°C)

### 10. STABILITY AND REACTIVITY

- **Stability:** Stable under normal use and storage conditions.
- **Hazardous Polymerization:** Will not occur.
- **Conditions to Avoid:** None known.
- **Materials to Avoid:** None known.
- **Hazardous Decomposition Products:** Can decompose at high temperatures forming toxic gases.

### 11. TOXICOLOGICAL INFORMATION

#### Acute Toxicity/Irritation Studies (Finished Product)

<table>
<thead>
<tr>
<th>Route</th>
<th>Description</th>
<th>Threshold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>Practically Non-Toxic</td>
<td>Oral (LD50 Rat) :  &gt; 5,000 mg/kg body weight</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dermal (LD50 Rat) : &gt; 2,000 mg/kg body weight</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inhalation (LC50 Rat) : &gt; 2.55 mg/l air - 4 hours</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Non-Irritating (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Non-Irritating (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Skin Sensitization</td>
<td>Not a Sensitizer (Guinea Pig)</td>
<td></td>
</tr>
</tbody>
</table>

- **Reproductive/Developmental Effects**
  - Trifloxysulfuron-Sodium:

- **Chronic/Subchronic Toxicity Studies**
  - Trifloxysulfuron-Sodium: Not Available

- **Carcinogenicity**
12. ECOLOGICAL INFORMATION

Summary of Effects
Trifloxysulfuron-Sodium:
Practically non-toxic to fish, invertebrates, birds and bees.

Eco-Acute Toxicity
Trifloxysulfuron-Sodium:
Bees LC50/EC50 > 25 ug/bee
Invertebrates (Water Flea) LC50/EC50 > 108 ppm
Fish (Trout) LC50/EC50 103 ppm
Fish (Bluegill) LC50/EC50 103 ppm
Birds (8-day dietary - Bobwhite Quail) LC50/EC50 5,620 ppm
Birds (8-day dietary - Mallard Duck) LC50/EC50 5,620 ppm

Eco-Chronic Toxicity
Trifloxysulfuron-Sodium:
Not Available

Environmental Fate
Trifloxysulfuron-Sodium:
The information presented here is for the active ingredient, trifloxysulfuron-sodium.
Not persistent in soil or water. Highly mobile in soil. Will leach. Sinks in water (after 24 h).

13. DISPOSAL CONSIDERATIONS

Disposal
Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

Characteristic Waste: Not Applicable
Listed Waste: Not Applicable

14. TRANSPORT INFORMATION

DOT Classification
Ground Transport - NAFTA
15. REGULATORY INFORMATION

EPCRA SARA Title III Classification
Section 311/312 Hazard Classes: Acute Health Hazard
Section 313 Toxic Chemicals: Not Applicable

California Proposition 65
Not Applicable

CERCLA/SARA 302 Reportable Quantity (RQ)
None

RCRA Hazardous Waste Classification (40 CFR 261)
Not Applicable

TSCA Status
Exempt from TSCA, subject to FIFRA

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA Hazard Ratings</th>
<th>HMIS Hazard Ratings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>Health:</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Flammability:</td>
</tr>
<tr>
<td>Instability:</td>
<td>Reactivity:</td>
</tr>
<tr>
<td></td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

For non-emergency questions about this product call:

1-800-334-9481

Original Issued Date: 03/10/2003
Revision Date: 06/05/2006
Replaces: 11/29/2004
The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

RSVP# : Not Applicable

End of MSDS